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Filing Date INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Application Number 10/685,914 October 15, 2003 First Named Inventor Copeland, Daniel A. Art Unit 3679 **Examiner Name** Bochna, David P53569US01NJ Attorney Docket Number

Complete if Known

U. S. PATENT DOCUMENTS Examine Cite **Document Number** Publication Date Name of Patentee or Pages, Columns, Lines, Where MM-DD-YYYY Applicant of Cited Document Relevant Passages or Relevant Initials' Number-Kind Code² (Filmoun) Figures Appear US- 2,953,398 09-20-1960 ^{US-} 3,276,549 04-10-1973 Bradley US US-US-ÜŠ-US-US-US. US-US-US US-US US ŪS-US-US ŪS-

Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages
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Sheet 1

Signature

PATENT

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known						
Application Number	10/685,914					
Filing Date	10/15/2003					
First Named Inventor	Copeland					
Art Unit	3679					
Examiner Name	Bochna, David E.					
Attorney Docket Number						

			U. S. PATEN1	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (# known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
R		US- 3606402	09-20-1971	Medney	
					
		^{US-} 4396210	08-02-1983	Spencer	•
	<u> </u>	^{US-} 4428604	01-31-1984	Conner	
·		^{US-} 4524505	06-25-1985	Conner	
		^{US-} 4606559	08-19-1986	Rammelsberg	
		^{US-} 4643466	02-17-1987	Conner, et al	
		^{US-} 4662656	05-05-1987	Douglas, et al	
		us. 4685708	08-11-1987	Conner, et al	
		^{US-} 5328215	07-12-1994	Grenier	
		^{US-} 5496073	03-05-1996	Grenier	
		^{US-} 5897146	04-27-1999	Saito, et al	
		^{US-} 5918914	07-06-1999	Morris	
		^{US-} 6299217	10-09-2001	Saito, et al	
DR		^{US-} 6568658	05-27-2003	Strome	
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		Application Number	10/685,914		
INFORMA	ATION DISCLOSURE	Filing Date	10/15/2003		
		First Named Inventor	Copeland		
	ENT BY APPLICANT	Art Unit	3679		
(Use a	s many sheets as necessary)	Examiner Name	Bochna, David E.		
Chart 2	-, 2	Attorney Docket Number			

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (f Innown)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
V 1/15		US- 09/590586	06-08-2000	Holmes	
- N		US- 10/774544	02-09-2004	Holmes	
		US- 2004/0155458 A1	08-12-2004		
		^{US-} 10/841197	05-07-2004	Holmes	
		^{US-} 2005/0006855 A1	01-13-2005		
. 0		^{US-} 10/950263	09-24-2004	Copeland	
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